

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Richard M. Butler

Confirmation No.:

Application No.:

Examiner:

Filing Date: 10/14/2003

Group Art Unit:

Title: GENERATION OF CRYPTOGRAPHICALLY STRONG RANDOM NUMBERS USING MISRS

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e)(1) or (2), and  
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EL 964691780 US

Date of Deposit 10/14/2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Typed Name: Gregory W. Osterloth

Respectfully submitted,

Richard M. Butler

By

Gregory W. Osterloth

Attorney/Agent for Applicant(s)

Reg. No. 36,232

Date: 10/14/2003

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. <b>10991268-3</b>	APPLICATION NO.	CONFIRMATION NO.
	APPLICANT <b>Richard M. Butler</b>		
	FILING DATE <b>10/14/2003</b>	GROUP	

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	5,301,156	04/1994	Talley	
	1B	6,192,385	02/2001	Shimada, Michio	
	1C	5,867,409	02/1999	Nozuyama, Yasuyuki	
	1D	5,778,069	07/1998	Thomlinson et al.	
	1E	5,987,483	11/1999	Edelkind et al.	
	1F	5,416,783	05/1995	Broseghini et al.	
	1G	5,612,963	03/1997	Koenemann et al.	
	1H	5,369,648	11/1994	Nelson, Robert W.	
	1I	5,251,165	10/1993	James, III, J. Colin	
	1J	6,510,228	01/2003	Rose, Gregory G.	
	1K	6,502,116	12/2002	Kelly et al.	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	"Analysis and Proposal of Signature Circuits for LSI Testing" by Kasuhiko Iwasaki, IEEE Transactions on Computer-Aided Design, Vol. 7, No. 1, January 1988, pages 84-90
	1R	Richard M. Butler, "Generation of Cryptographically Strong Random Numbers Using MISRS", Filing Date: 10/30/2000, U.S. Application Serial No. 09/699,884 (19 pages of specification, claims and abstract, and 4 sheets of drawings, Figs. 1-10)
	1S	

EXAMINER

DATE CONSIDERED

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	2A	5,369,648	11/1994	Nelson, Robert W.	
	2B	5,566,099	10/1996	Shimada, Michio	
	2C	6,014,446	01/2000	Finkelstein, L. D.	
	2D				
	2E				
	2F				
	2G				
	2H				
	2I				
	2J				
	2K				

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	2Q	
	2R	
	2S	

EXAMINER

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